

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364
contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364
matrix: Solid **sample id:** Q2364-02 **client id:** GAV1BMS
Percent Solids for Sample: 85.5 **Spiked ID:** Q2364-02MS **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3690		3370		100	313		P
Antimony	mg/Kg	75 - 125	22.4		3.06		41.0	47	N	P
Arsenic	mg/Kg	75 - 125	41.0		0.40	J	41.0	99		P
Barium	mg/Kg	75 - 125	19.7		14.2		10.3	54	N	P
Beryllium	mg/Kg	75 - 125	9.73		0.19	J	10.3	93		P
Cadmium	mg/Kg	75 - 125	10.7		0.55		10.3	99		P
Calcium	mg/Kg	75 - 125	510		951		51.3	-859		P
Chromium	mg/Kg	75 - 125	170		152		20.5	88		P
Cobalt	mg/Kg	75 - 125	12.5		2.74		10.3	96		P
Copper	mg/Kg	75 - 125	141		85.4		15.4	362		P
Iron	mg/Kg	75 - 125	4830		5660		150	-544		P
Lead	mg/Kg	75 - 125	56.9		16.0		51.3	80		P
Magnesium	mg/Kg	75 - 125	753		788		100	-35		P
Manganese	mg/Kg	75 - 125	36.7		40.5		10.3	-36	N	P
Nickel	mg/Kg	75 - 125	59.2		30.4		25.6	112		P
Potassium	mg/Kg	75 - 125	662		241		510	82		P
Selenium	mg/Kg	75 - 125	92.2		1.63		100	88		P
Silver	mg/Kg	75 - 125	3.43		0.13	J	3.8	86		P
Sodium	mg/Kg	75 - 125	213		111		150	66	N	P
Thallium	mg/Kg	75 - 125	103		2.07	U	100	100		P
Vanadium	mg/Kg	75 - 125	20.3		7.19		15.4	85		P
Zinc	mg/Kg	75 - 125	82.1		82.1		10.3	0		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364
contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364
matrix: Solid **sample id:** Q2364-02 **client id:** GAV1BMSD
Percent Solids for Sample: 85.5 **Spiked ID:** Q2364-02MSD **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3580		3370		97.5	216		P
Antimony	mg/Kg	75 - 125	21.1		3.06		39.0	46	N	P
Arsenic	mg/Kg	75 - 125	38.4		0.40	J	39.0	97		P
Barium	mg/Kg	75 - 125	19.8		14.2		9.7	57	N	P
Beryllium	mg/Kg	75 - 125	9.02		0.19	J	9.7	91		P
Cadmium	mg/Kg	75 - 125	10.1		0.55		9.7	98		P
Calcium	mg/Kg	75 - 125	579		951		48.7	-764		P
Chromium	mg/Kg	75 - 125	167		152		19.5	78		P
Cobalt	mg/Kg	75 - 125	12.0		2.74		9.7	95		P
Copper	mg/Kg	75 - 125	94.9		85.4		14.6	65		P
Iron	mg/Kg	75 - 125	4990		5660		150	-463		P
Lead	mg/Kg	75 - 125	54.9		16.0		48.7	80		P
Magnesium	mg/Kg	75 - 125	822		788		97.5	35		P
Manganese	mg/Kg	75 - 125	39.7		40.5		9.7	-8		P
Nickel	mg/Kg	75 - 125	52.9		30.4		24.4	93		P
Potassium	mg/Kg	75 - 125	638		241		490	81		P
Selenium	mg/Kg	75 - 125	85.8		1.63		97.5	86		P
Silver	mg/Kg	75 - 125	3.31		0.13	J	3.7	87		P
Sodium	mg/Kg	75 - 125	200		111		150	61	N	P
Thallium	mg/Kg	75 - 125	96.3		2.07	U	97.5	99		P
Vanadium	mg/Kg	75 - 125	19.3		7.19		14.6	83		P
Zinc	mg/Kg	75 - 125	70.6		82.1		9.7	-118		P

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364
contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364
matrix: Solid **sample id:** Q2367-05 **client id:** EP-5MS
Percent Solids for Sample: 89.2 **Spiked ID:** Q2367-05MS **Percent Solids for Spike Sample:** 89.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.015	U	0.28	99		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364
contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364
matrix: Solid **sample id:** Q2367-05 **client id:** EP-5MSD
Percent Solids for Sample: 89.2 **Spiked ID:** Q2367-05MSD **Percent Solids for Spike Sample:** 89.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.015	U	0.29	93		CV